FURMAN

PURIFY YOUR POWER

The PST-6

Owners Manual

Introduction

Thank you for purchasing the Furman Power Station-6 Power Conditioner. For over 30 years, Furman has pioneered the development of AC power products for the most demanding audio, video, and broadcast professionals. Furman's Ground Contamination Free Surge Protection, Advanced Filtering Technology, and Digital-HD Television Ready circuitry can significantly improve your sensitive components while protecting them from spikes, surges and contaminated AC power.

Today's power grid typically experiences numerous electrical surges and spikes on a daily basis. At best, these irregularities can degrade your equipment's performance; at worst, they can severely damage individual components or your entire system. Not so with Furman. With our exclusive Ground Contamination Free Surge Protection, your valued equipment is protected without the long-term damaging effect of conventional surge strips.

Safety Information

To obtain best results from your Furman Power Station-6 Power Conditioner, please be sure to read this manual carefully before using.

Warning:

To reduce the risk of electrical shock, do not expose this equipment to rain or moisture. Dangerous high voltages are present inside the enclosure. Do not remove the covers. There are no user serviceable parts inside. Refer servicing to qualified personnel only.

Important Safety Instructions:

1. Please read and observe all safety and operating instructions before installing your Power Station-6 (PST-6). Retain these instructions for future reference.

2. Your PST-6 should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, etc.

3. Do not place your PST-6 near heat sources such as radiators, heat registers, stoves or other appliances that produce heat.

4. The PST-6 should only be connected to a 120 VAC, 60Hz, 15 amp grounded electrical outlet. Do not defeat the ground or change polarization of the power plug.

5. Route the power cord and other cables so that they are not likely to be walked on, tripped over, or stressed. Pay particular attention to the condition of the cords and cables at the plugs, and the point where they exit your PST-6. To prevent risk of fire or injury, damaged cords and cables should be replaced immediately.

6. Clean your PST-6 with a damp cloth only. Do not use solvents or abrasive cleaners. Never pour liquid on or into the unit.

7. Your PST-6 should be serviced by qualified service personnel when:

• The power supply cord or the plug has been frayed, kinked, or cut.
• Objects have fallen or liquid has spilled into the unit.
• The unit has been exposed to rain or other moisture.
• The unit does not appear to operate normally, exhibits a marked change in performance, or the Protection OK indicator is not lit.
• The unit has been dropped, or the enclosure damaged.

8. Your PST-6 requires that a safety ground be present for proper operation. Any attempt to operate the unit without a safety ground is considered improper operation and could invalidate the warranty.

Operation

AC, Telephone, and Coaxial Connectors

Telco – Satellite / Cable Transient Voltage Surge Suppressors: The PST-6 features transient voltage surge suppression for both standard telephone lines, as well as cable and satellite lines utilizing standard coaxial connectors. As these surge suppressors are in-line, they will require an additional cable (supplied with the PST-6) to connect from their output to the control device requiring protection.

All in-line surge suppressors feature our exclusive ground contamination free technology. This aids in eliminating audio buzzing, and the video hum-bars that can result from typical in-line suppressors. Further, our cable and satellite suppressors are TIVO friendly as well as HD-Digital Television ready. Both DC carrier signals as well as high bandwidth signals can pass through our

circuit. In fact the bandwidth is less than 0.1dB loss at 1GHz!

To connect your cabling to these in-line protectors, simply follow the in and out indications marked next to the Telco, and Cable / Satellite connectors.

Note:

It is not possible to make an in-line cable / satellite protector "maintenance-free." Under extreme conditions, it is possible that the surge suppression in one of these devices could sacrifice itself after a catastrophic event. If the telephone, cable or satellite signal will no longer pass through our protector, please send your Power Station to Furman for servicing. To test this, simply disconnect the incoming and out going cable from the PST-6. Connect the incoming connector to the component that formerly received the out going connector, thus by-passing the in-line protection. If the signal is present (but not when used with the PST-6) then the protection circuit is damaged (assuming it worked properly before the storm or catastrophic event).

Circuit Breaker

If the PST-6 is connected to an AC outlet where sufficient voltage is present, the unit should operate properly with the protection OK indicator lit, after the main power switch is turned to the on position. If the unit still does not function under these conditions check the circuit breaker button! It is the round black button adjacent to the incoming AC cord. If the circuit breaker trips immediately, there may be too great of a current load placed upon it. Simply disconnect one

product at a time until this no longer happens. If the breaker trips with no components connected, there may be a wiring defect that requires Furman service.

Indicators

Protection OK Indicator:

Although Furman's Ground Contamination Free Surge Suppression rarely requires servicing, nature has a way of occasionally creating electrical forces that are beyond the capabilities of any transient voltage surge suppressor device to absorb without some degree of damage. In the instance that this occurs, the blue "Protection OK" LED indicator will turn off. If this happens, Furman's surge suppression circuit is compromised. The unit must be returned to Furman Sound, or an authorized Furman Service Center for repair.

Mounting

If the Power Station needs to be mounted to the inside panel of a rack or hung from a wall, a convenient crossed oval cutout is provided on the unit's bottom panel. A standard No. 6 pan head screw can be used in the same way a picture is hung from a wall. Simply measure the centers on the bottom of your Power Station. This will be the distance from the two mounting holes drilled into your wall, rack or cabinet surface. Once the screw is fastened flush with the surface, back it out approximately ½". The screw head should push through the crossed cutout on the bottom surface of the Power Station. Next, simply allow the Power Station to move down and seat into the end of its oval cut-out. Adjust the pan head screw if necessary.

Warranty

To Register for the following warranty please visit Furman's website at www.furmansound.com and click on the "warranty" page, or call Furman at (707) 763-1010.

Furman Sound, Inc., having its principal place of business at 1997 South McDowell Blvd., Petaluma, CA 94954 ("Manufacturer") warrants its PST-6 (the "Product") as follows:

Manufacturer warrants to the original Purchaser of the Product that the Product sold hereunder will be free from defects in material and workmanship for a period of one year from the date of purchase. The Purchaser of the product is allowed fifteen days from the date of purchase to complete warranty registration by mail or on-line at the Furman website. If the Product does not conform to this Limited Warranty during the warranty period (as herein above specified), Purchaser shall notify Manufacturer in writing of the claimed defects. If the defects are of such type and nature as to be covered by this warranty, Manufacturer shall authorize Purchaser to return the Product to the Furman factory or to an authorized Furman repair location. Warranty claims should be accompanied by a copy of the original purchase invoice showing the purchase date; this is not necessary if the Warranty Registration was completed either via the mailed in warranty card or on-line website registration. Shipping charges to the Furman factory or to an authorized repair location must be prepaid by the Purchaser of the product. Manufacturer shall, at its own expense, furnish a replacement Product or, at Manufacturer's option, repair the defective Product. Return shipping

charges back to Purchaser will be paid by Manufacturer.

THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Manufacturer does not warrant against damages or defects arising out of improper or abnormal use of handling of the Product; against defects or damages arising from improper installation, against defects in products or components not manufactured by Manufacturer, or against damages resulting from such non-Manufacturer made products or components. This warranty shall be cancelable by Manufacturer at its sole discretion if the product is modified in any way without written authorization from Furman Sound. This warranty also does not apply to Products upon which repairs have been affected or attempted by persons other than pursuant to written authorization by Manufacturer.

THIS WARRANTY IS EXCLUSIVE. The sole and exclusive obligation of Manufacturer shall be to repair or replace the defective Product in the manner and for the period provided above. Manufacturer shall not have any other obligation with respect to the Products or any part thereof, whether based on contract, tort, strict liability or otherwise. Under no circumstances, whether based on this Limited Warranty or otherwise, shall Manufacturer be liable for incidental, special, or consequential damages. Manufacturer's employees or representatives' ORAL OR OTHER WRITTEN STATEMENTS DO NOT CONSTITUTE WARRANTIES, shall not be relied upon by Purchaser, and are not a part of the contract for sale or this limited

warranty. This Limited Warranty states the entire obligation of Manufacturer with respect to the Product. If any part of this Limited Warranty is determined to be void or illegal, the remainder shall remain in full force and effect.

Service

All equipment being returned for repair must have a Return Authorization (R/A) Number. To get an R/A number, please call the Furman Service Department at (707) 763-1010 ext 121, between the hours of 8:00 am and 5:00 pm US Pacific Time. When returning equipment for repair, please use the original packaging to ship the product. Also, please enclose a note giving your name, address, phone number, e-mail address, and a description of the problem. Please display your R/A Number prominently on the front of all packages.

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